

ATTY DOCKET NO.
35.C15304APPLICATION NO.
09/837,210APPLICANT
MASANORI OGURA ET AL.

NOV 02 2001

FILING DATE
04/19/01GROUP
2811PATENT & TRADE
MARK OFFICE
U.S. PATENT DOCUMENTS

| *EXAMINER INITIAL | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|-------------------|-----------------|----------|----------------|-------|----------|----------------------------|
| BM | 5,900,622 | 05/04/99 | OGURA ET AL. | 250 | 208.1 | NOV 02 2001 |
| BM | 6,015,200 | 01/18/00 | OGURA | 347 | 3 | NOV 02 2001 |
| BM | 5,786,588 | 07/28/98 | TAKAHASHI | 250 | 208.1 | |
| BM | 5,955,753 | 09/21/99 | TAKAHASHI | 257 | 292 | |
| BW | 6,147,338 | 11/14/00 | TAKAHASHI | 250 | 208.1 | |
| BW | 4,791,493 | 12/13/88 | OGURA ET AL. | 358 | 294 | |
| BW | 4,920,431 | 04/24/90 | OGURA ET AL. | 358 | 496 | |
| BW | 4,926,058 | 05/15/90 | IWAMOTO ET AL. | 250 | 578.1 | |

FOREIGN PATENT DOCUMENTS

| | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION YES/NO/ OR ABSTRACT |
|----|-----------------|----------|---------|-------|----------|-------------------------------------|
| BW | JP 62011264 | 07/09/85 | JAPAN | | | Abstract |
| | | | | | | NO ABSTRACT Reference OK - Reviewed |
| | | | | | | |
| | | | | | | |

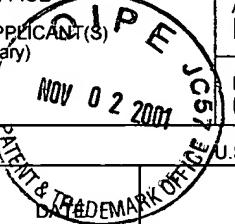
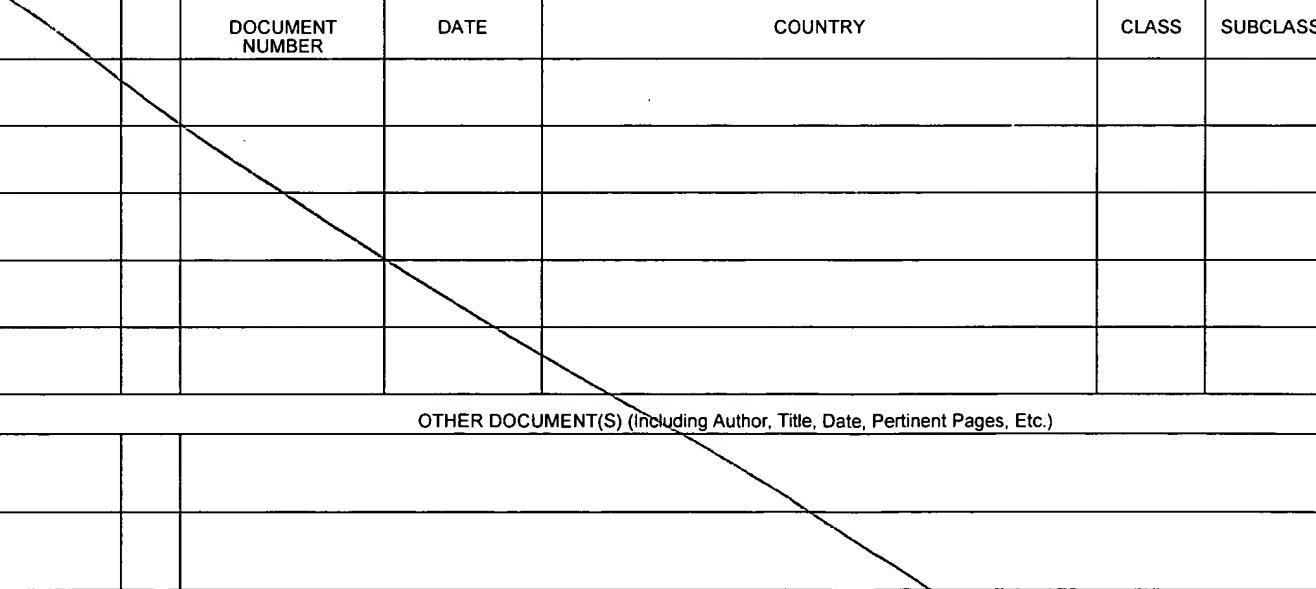
OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER

DATE CONSIDERED

6/22/02

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

| FORM PTO 1449 (modified) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE LIST OF REFERENCES CITED BY APPLICANT(S) (Use several sheets if necessary) | | | ATTY DOCKET NO. 35.C15304 | APPLICATION NO. 09/837,210 | | |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|----------|------------------------------------|-------------------------------|----------|---------------------------------------|
|  | | | APPLICANT MASANORI OGURA ET AL. | | | |
| | | | FILING DATE 04/19/01 | GROUP 2811 | | |
| U.S. PATENT DOCUMENTS | | | | | | |
| *EXAMINER INITIAL | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
| 3WR | 4,996,606 | 02/26/91 | KAWAI ET AL. | 358 | 475 | RECEIVED MAIL ROOM 04/20/01 |
| BWB | 5,526,141 | 06/11/96 | OGURA ET AL. | 358 | 496 | |
| 6MB | 5,196,691 | 03/23/93 | KITANI ET AL. | 250 | 208.1 | |
| BWB | 5,352,883 | 10/04/94 | KITANI ET AL. | 250 | 208.1 | |
| BWB | 5,621,206 | 04/15/97 | KITANI ET AL. | 250 | 208.1 | |
| BWB | 5,698,844 | 12/16/97 | SHINOHARA ET AL. | 250 | 214 | |
| 6MB | 6,150,704 | 11/21/00 | KOZUKA | 257 | 434 | |
| BWB | 6,169,317B1 | 01/02/01 | SAWADA ET AL. | 257 | 435 | |
| FOREIGN PATENT DOCUMENTS | | | | | | |
| | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION YES/NO/ OR ABSTRACT |
|  | | | | | | |
| OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.) | | | | | | |
|  | | | | | | |
| EXAMINER  | DATE CONSIDERED | | | 6/22/02 | | |

***EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Sheet 2 of 3

| U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | | | ATTY DOCKET NO. 35.C15304 | APPLICATION NO. 09/837,210 | | |
|-------------------------------------------------------------------------------|--|-----------------------------------|-------------------------------------------|--------------------------------------|------------|------------|
| LIST OF REFERENCES CITED BY APPLICANT(S) (Use several sheets if necessary) | | | APPLICANT MASANORI OGURA ET AL. | | | |
| NOV 02 2001 | | | FILING DATE 04/19/01 | GROUP 2811 | | |
| U.S. PATENT DOCUMENTS | | | | | | |
| *EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS |
| <i>BWB</i> | | 6,188,094B1 | 02/13/01 | KOCHI ET AL. | 257 | <i>232</i> |
| FOREIGN PATENT DOCUMENTS | | | | | | |
| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS |
| OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.) | | | | | | |
| EXAMINER <i>BWB</i> | | DATE CONSIDERED <i>6/22/02</i> | | | | |

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Sheet 3 of 3